SHEET 1 OF 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)					ATTY. DOCKET NO. SERIAL NO. SERIAL NO.			
					APPLICANT Koyu ASAI, et al.			
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				U.S. PATENT	DOCUMENTS			
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				FOREIGN PAT	ENT DOCUMENTS			
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w ^x	 -		JP 7-106323	04/21/1995	NEC CORP		(Japan w/English Abstract)	
- 	 	· · · ·	JP 9-213800	08/15/1997	NEC CORP		(Japan w/English Abstract)	1
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NAP		"Stress-Induced Voiding Under Vias Connected to Wide Cu Metal Leads", E.T. Ogawa et al., 2002 IEEE International Reliability Physics Symposium Proceedings, April 7-11, 2002.						
W		"Mechanisms of Stress-Induced Voids in Multi-Level Cu Interconnects", Byung-Lyul Park et al., IEEE 2002 International Interconnect Technology Conference, June 3-5, 2002.						
W.		"Thermal Stress of 140nm-width Cu damascene interconnects", Norio Økada et/al., IEEE 2002 International Interconnect Technology Conference, June 3/5, 2002.						
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